

**In the Specification:**

Please replace the paragraph beginning on page 5, line 11 with the following amended paragraph:

~~Fig. 6 illustrates a schematic view of a simple test pattern;~~

Fig. 6a illustrates a readback signal from a magnetoresistive sensor before a polarity reversal; and

Fig. 6b illustrates a readback signal from a magnetoresistive sensor after a polarity reversal;